

FIGURE 2

		45			
John Q. Public	ABC Bank Corp.		101		
123 Wilson Ave. Anywhere, USA	456 Main St. Anywhere, USA	Date			
Pay To The Order Of		\$			
		Dollars			
Memo			·		
:072000326:	1234567# 101				
00					
FIGURE 3 (Prior Art)					

Certificate field description	No. bytes stored		
Number of bytes in certificate m	1 byte		
Certificate version number	2 byte		
Certificate serial number	4 bytes		
Date certificate becomes valid	3 bytes		
Date certificate expires	3 bytes		
Public key data bytes	22 bytes		
Name of public key owner	m-77 bytes		
Digital signature	42 bytes		

ECDSA based short certificate format.

<u>50</u>

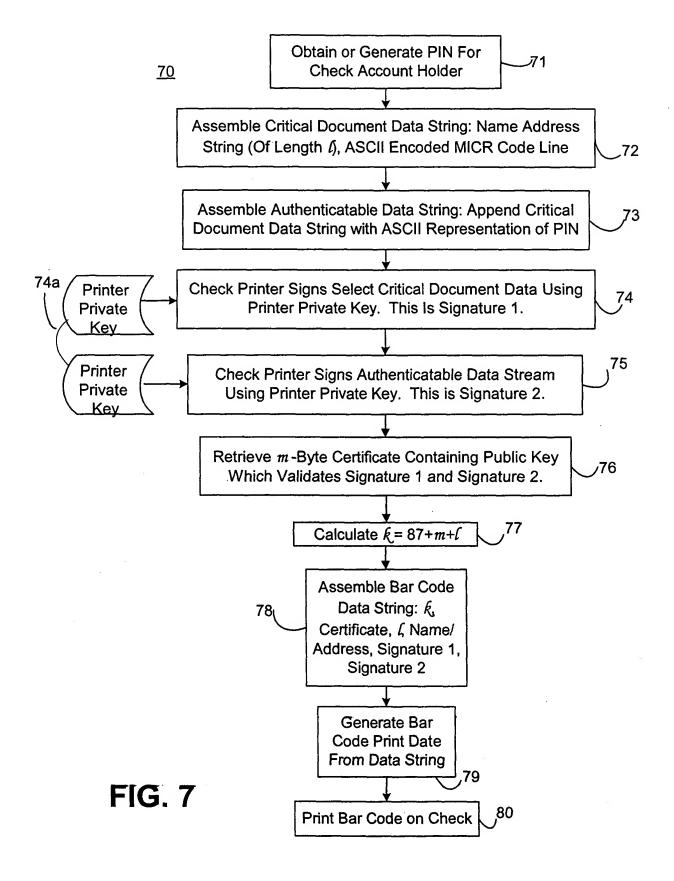
FIGURE 4

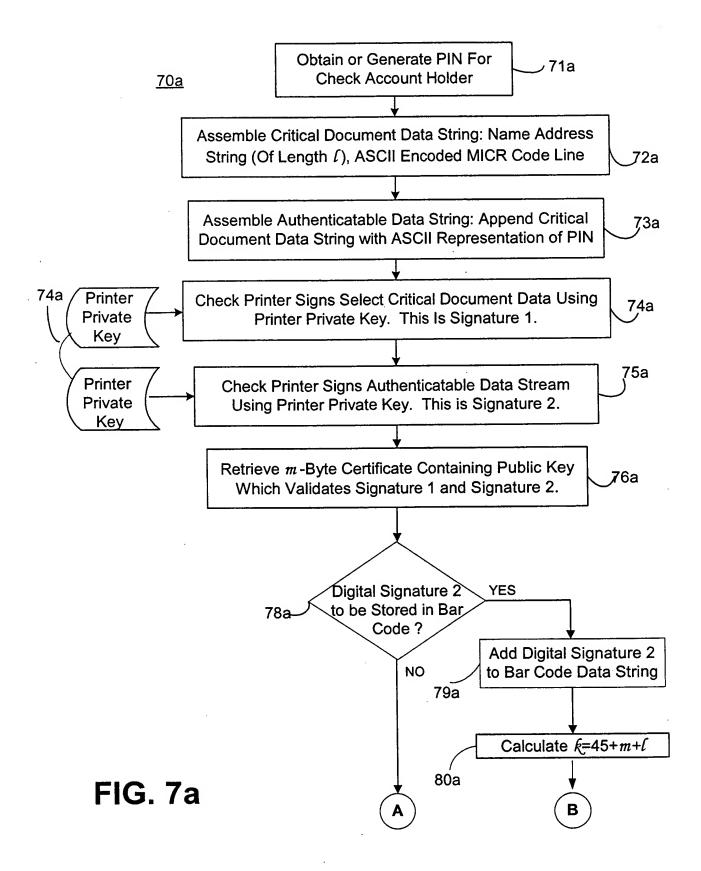
1	92	·		A	.5	
123 \	Q. Public Vilson Ave. Vhere, USA	ABC Bank (456 Main St Anywhere, l	i.	Date		101
Pay To The Orde	er Of				\$	
					Dollars	
Memo_		managan wayaya a bu.s. sali				
8:0	7 2000 3 2 G 12	1234567#	101			
	91	93				
90		FIGUI	RE 5			

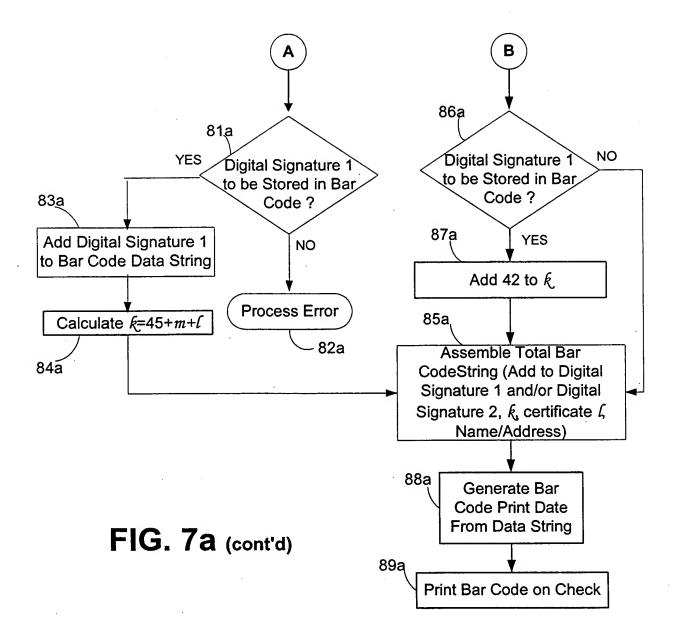
Field No.	Bar code field description	No. bytes stored 2 bytes	
1	Number of bytes in bar code: k		
. 2	Certificate		
3	Number of bytes f in Field No. 4 (f=0 if no non-MICR	1 byte	
	information included)		
4	Non-MICR Critical Document Data (e.g., account name/address field or payee name, amount and issue date)	€ bytes	
5 (optional)	Digital Signature 2 (on critical doc. data + PIN)	42 bytes	
6 (optional)	Digital Signature 1 (on critical document data)	42 bytes	

Bar code data string 60

FIGURE 6







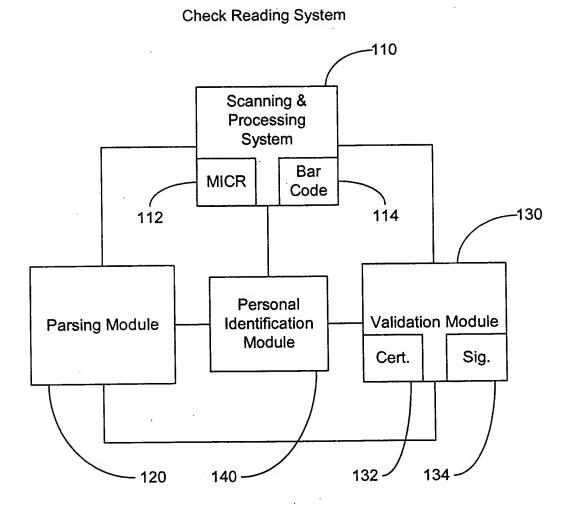
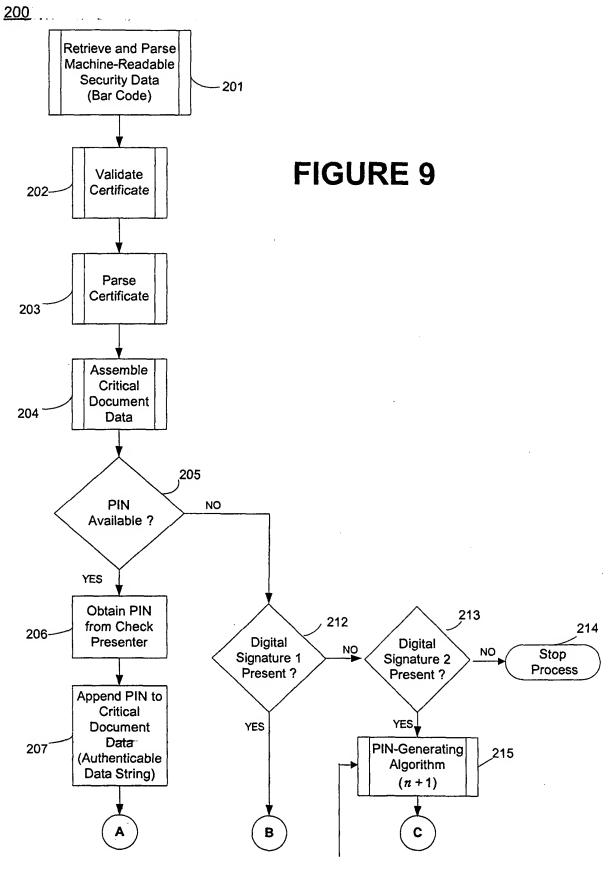


FIG. 8



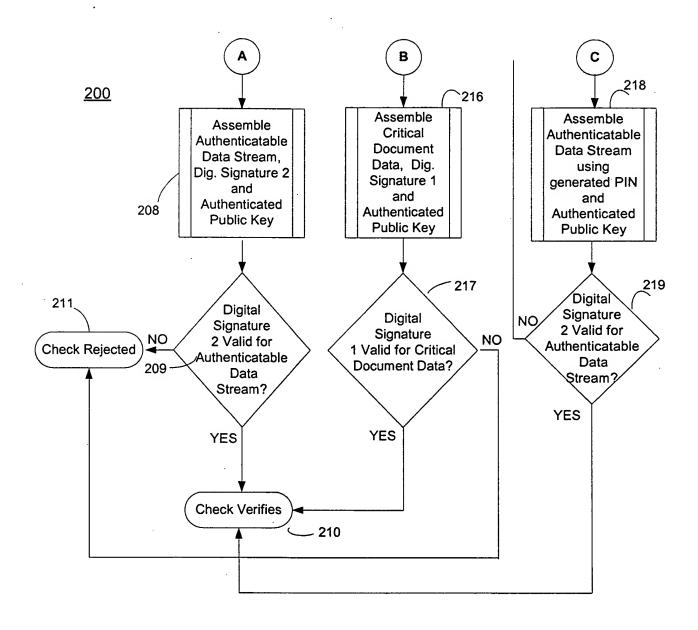
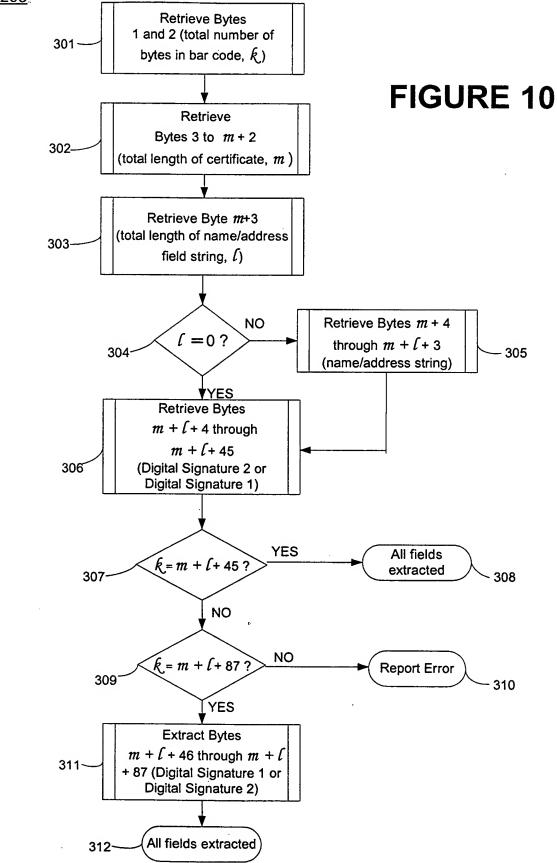
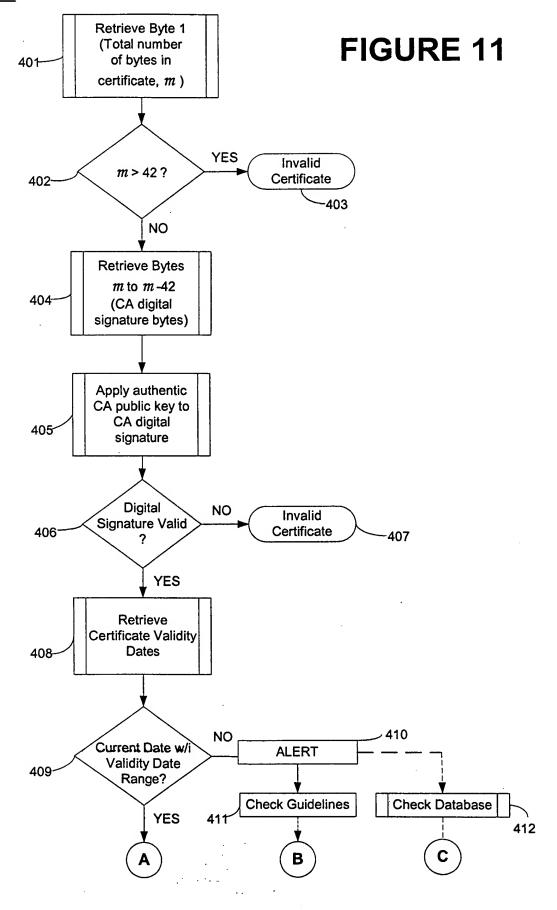


FIGURE 9 (cont'd)





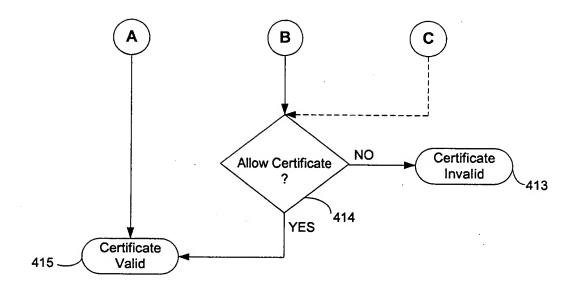


FIGURE 11 (cont'd)